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5' ATA ACTTCGTATAG <u>GCATACATT</u> TATACGAAGTTAT 3'	WT <i>loxP</i>
3' TATTGAAGCATAT <u>CGTATGTA</u> AATATGCTTCAATA 5'	SEQ ID NO:35 (5'>3')
5' ATA ACTCTATATAG <u>GCATACATT</u> TATATAGAGTTAT 3'	WT <i>loxM7</i>
3' TATTGAGATATAT <u>CGTATGTA</u> AATATATCTCAATA 5'	SEQ ID NO:36 (5'>3')
5' ATA ACTTCGTATAG <u>GCATACATT</u> TATATAGAGTTAT 3'	<i>loxP</i> - <i>M7</i>
3' TATTGAAGCATAT <u>CGTATGTA</u> AATATATCTCAATA 5'	SEQ ID NO:37 (5'>3')
3' ATA ACTCTATATAG <u>GCATACATT</u> TATACGAAGTTAT 5'	<i>M7</i> - <i>loxP</i>
5' TATTGAGATATAT <u>CGTATGTA</u> AATATGCTTCAATA 3'	SEQ ID NO:38 (5'>3')

Figure 1A

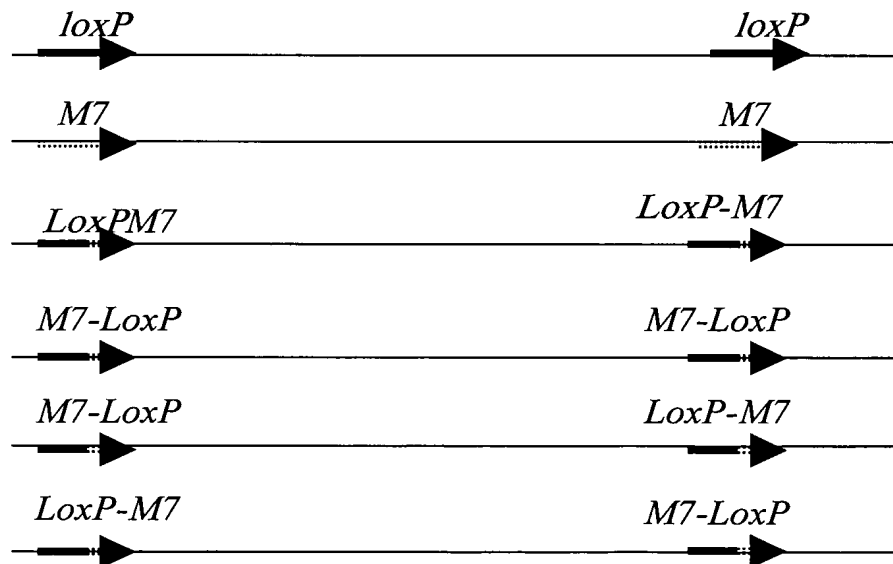


Figure 1B

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loxP:

SEQ ID NO

WT *loxP*

39	Xho-Bam	XhoI	CTCGAG	ATAACTTCGTATA	<u>GCATACAT</u>	TATACGAAGTTAT	BamHI	GGATTC
	Bam-Xho		GAGCTC	TATTGAAGCATAT	<u>CGTATGTA</u>	AATATGCTTCAATA		CCTAGG
40	Eco-Pst	EcoRI	GAATTC	ATAACTTCGTATA	<u>GCATACAT</u>	TATACGAAGTTAT	PstI	CTGCAG
	Pst-Eco		CTTAAG	TATTGAAGCATAT	<u>CGTATGTA</u>	AATATGCTTCAATA		GACGTC

loxM7:WT *loxM7*

41	Xho-Bam	XhoI	CTCGAG	ATAACTCTATATA	<u>GCATACAT</u>	TATATAGAGTTAT	BamHI	GGATTC
	Bam-Xho		GAGCTC	TATTGAGATATAT	<u>CGTATGTA</u>	ATATATCTCAATA		CCTAGG
42	Eco-Pst	EcoRI	GAATTC	ATAACTCTATATA	<u>GCATACAT</u>	TATATAGAGTTAT	PstI	CTGCAG
	Pst-Eco		CTTAAG	TATTGAGATATAT	<u>CGTATGTA</u>	ATATATCTCAATA		GACGTC

loxP-M7:*loxP-M7*

43	Xho-Bam	XhoI	CTCGAG	ATAACTTCGTATA	<u>GCATACAT</u>	TATATAGAGTTAT	BamHI	GGATTC
	Bam-Xho		GAGCTC	TATTGAAGCATAT	<u>CGTATGTA</u>	ATATATCTCAATA		CCTAGG
44	Eco-Pst	EcoRI	GAATTC	ATAACTTCGTATA	<u>GCATACAT</u>	TATATAGAGTTAT	PstI	CTGCAG
	Pst-Eco		CTTAAG	TATTGAAGCATAT	<u>CGTATGTA</u>	ATATATCTCAATA		GACGTC

Figure 1C

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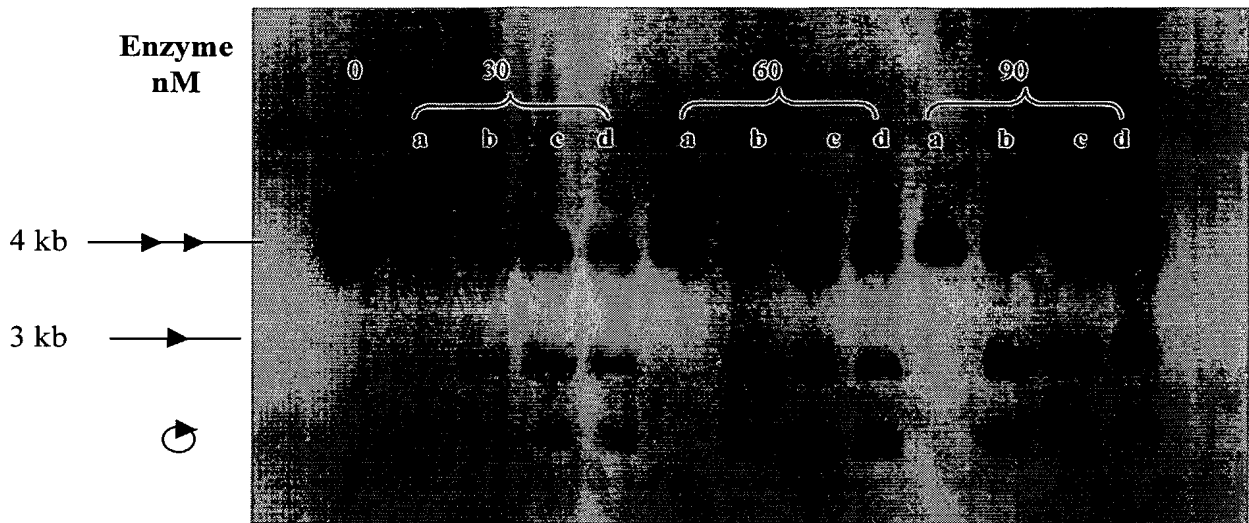


Figure 2A

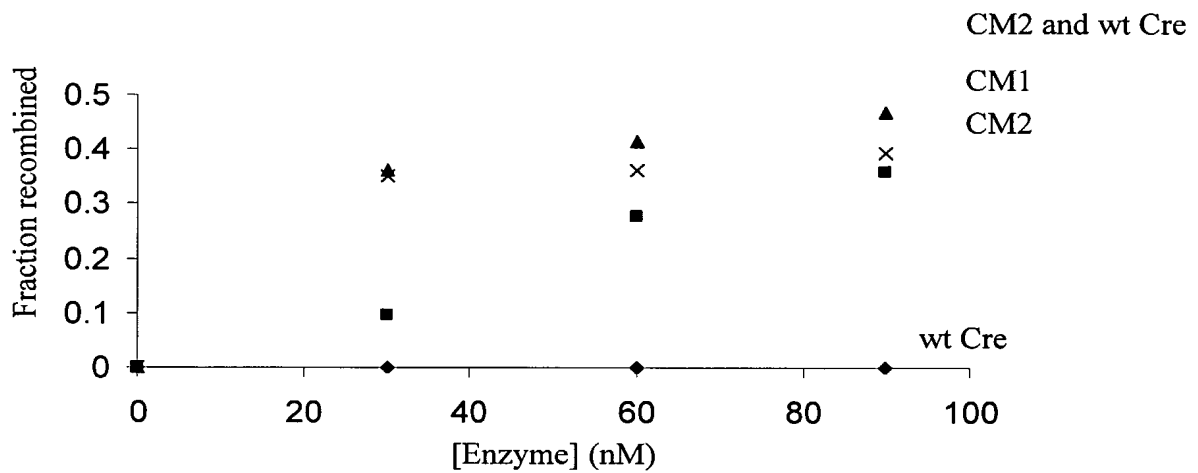


Figure 2B

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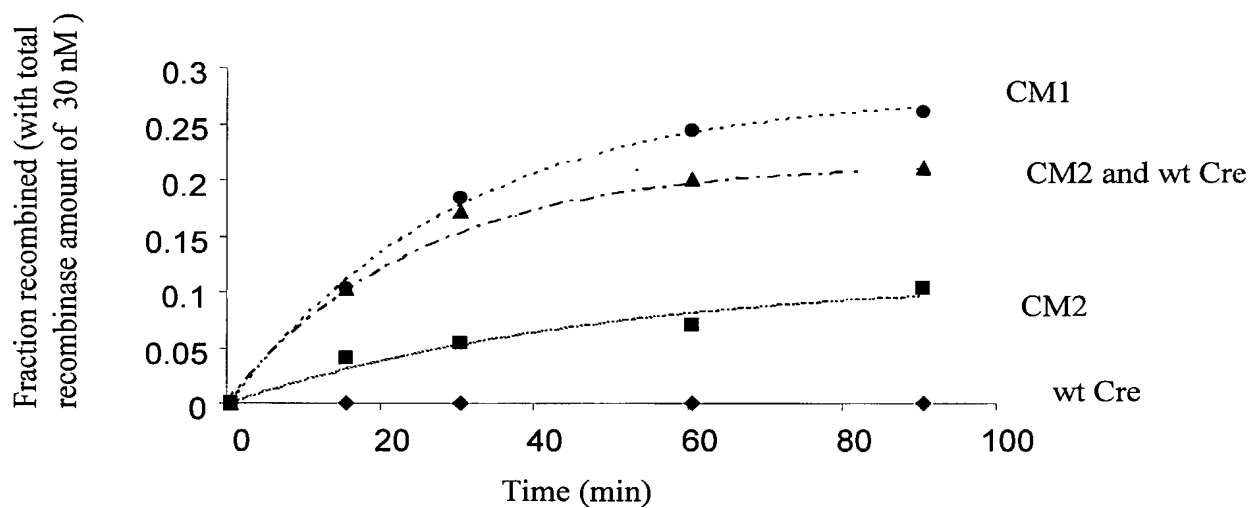


Figure 3A

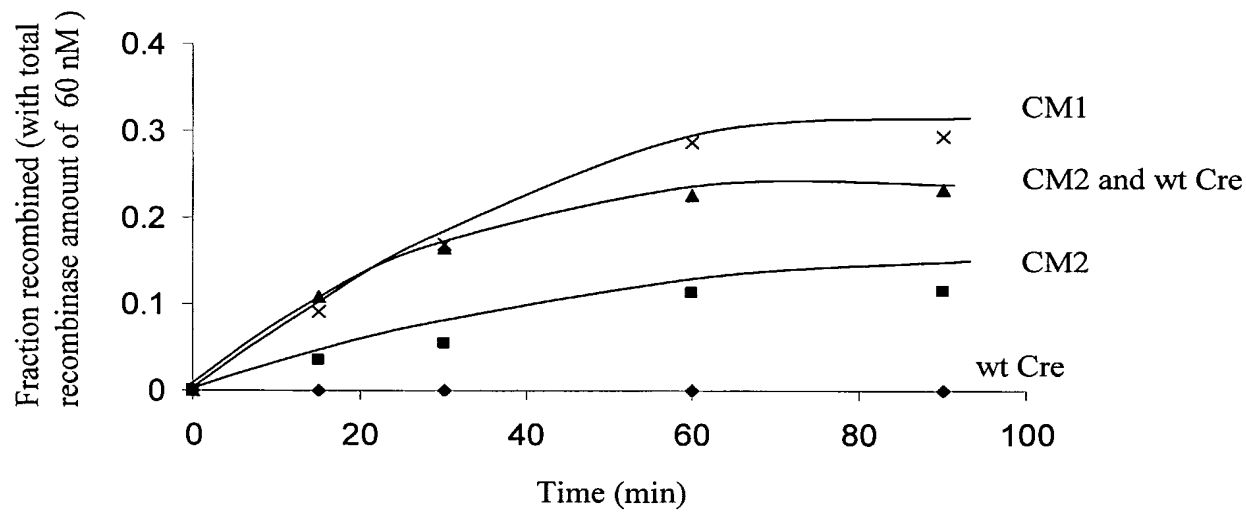


Figure 3B

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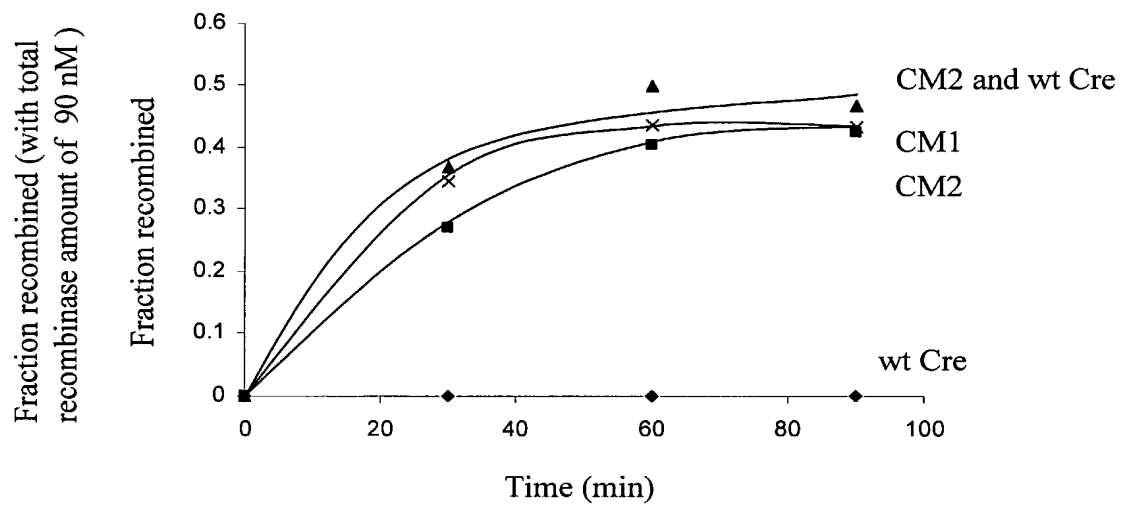


Figure 3C

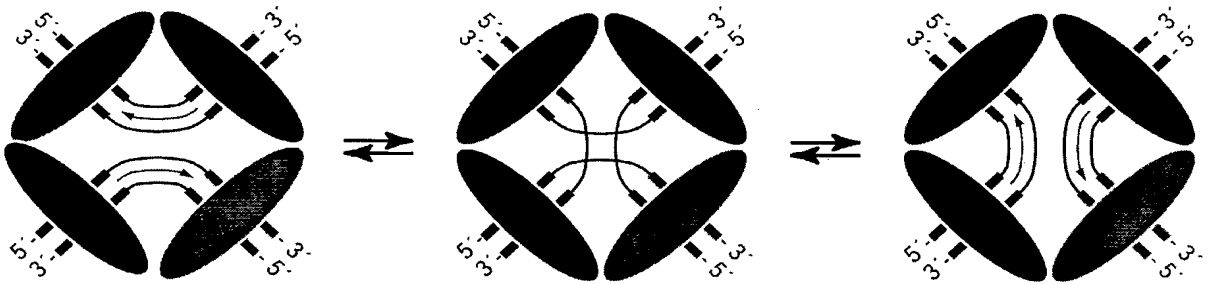


Figure 4

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Left	Spacer	Right
<i>loxP</i> (wt, symmetric): ATAACTTCGTATA	ATGTATGC	TATACGAAGTTAT
SEQ ID NO:45		
<i>lox-LTR</i> (asymmetric): TCAAGTTAGTACC	AGTTGAAC	CAGAGCAAGTAGA
SEQ ID NO:46		

Figure 5

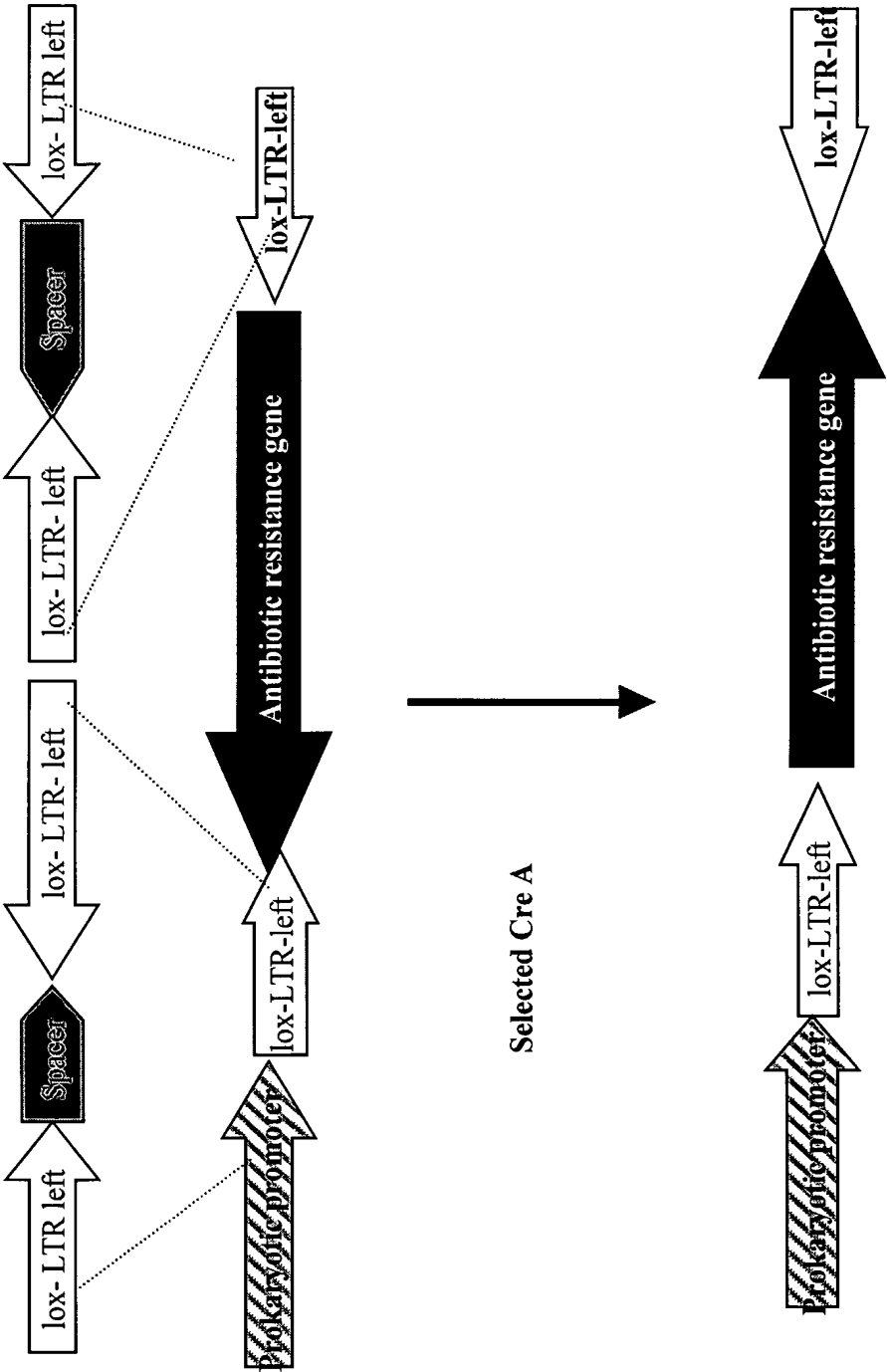


Figure 6A

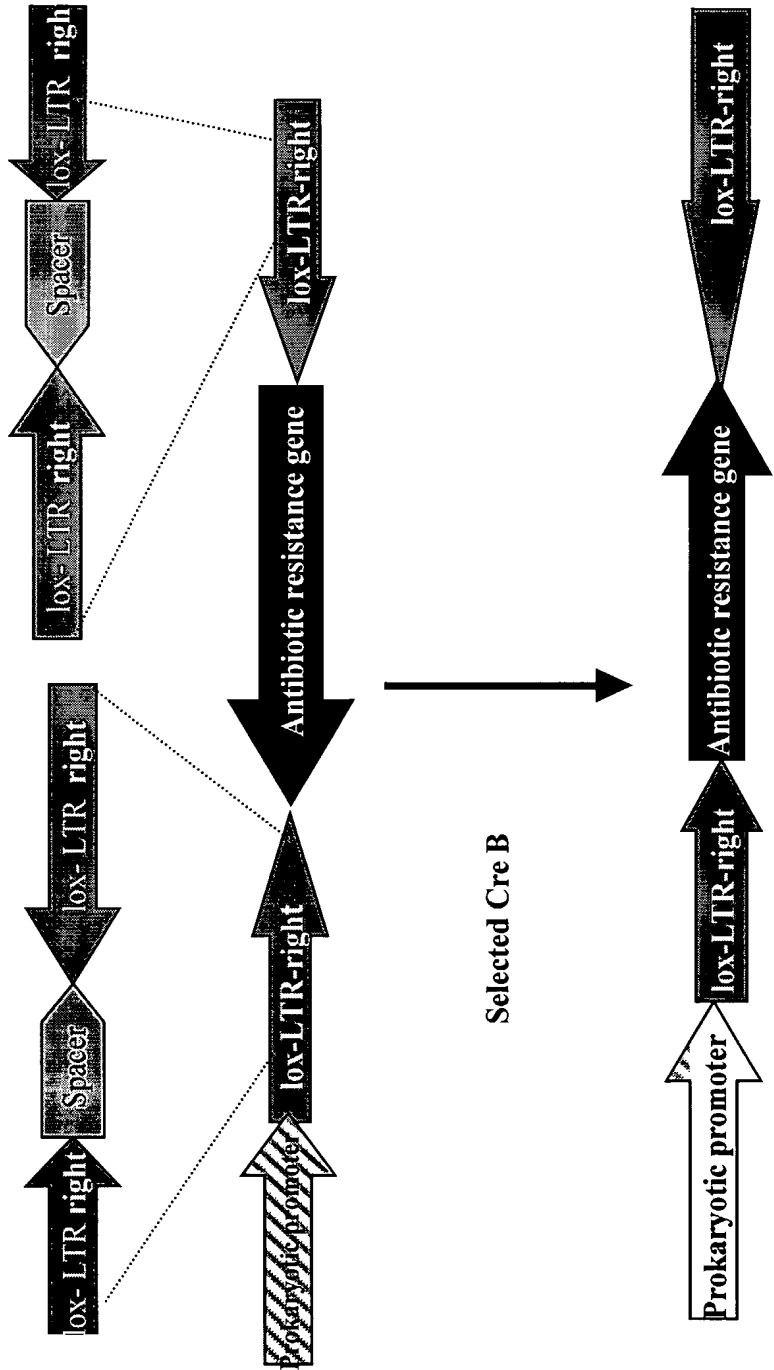


Figure 6B

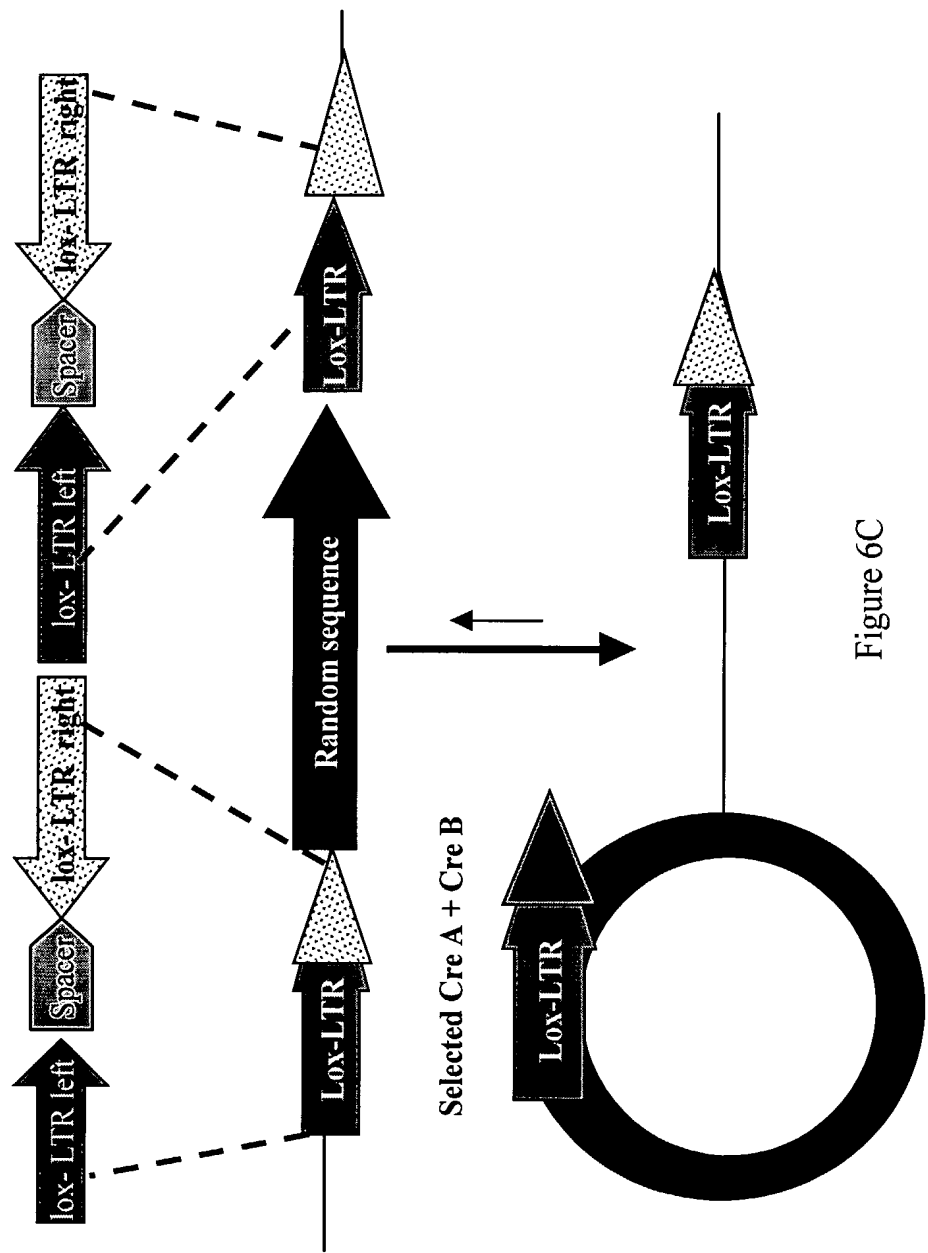


Figure 6C